IntelliTEMP®
DirectLink™

The IntelliTEMP DirectLink smart thermostat combines a streamlined design with a modular Wi-Fi radio that eliminates the need for third-party products to deliver two-way communications between a utility and end user. The use of IP-based communications provides near real-time feedback, near real-time presence and constant telemetry of IntelliTEMP DirectLink devices to give utilities a clearer view of currently available load.

The IntelliTEMP DirectLink smart thermostat offers multiple configurations to support varying levels of control for HVAC systems, leading to the elimination of free riders and enabling greater load reduction and more equitable control across customers. The thermostat was designed with a user replaceable communications module to allow for maximum communication flexibility. Selecting or changing the radio communications technology is as easy as plugging in a radio module.

FEATURES

» Flexible control strategies (cycling, adaptive cycling, temperature-based strategies including setpoint and setback, or TOU/CPP/ CPR automation)

» Utility configurable randomization for smooth in/out transitions

» Flexible group addressing to control single or multiple devices

» Flexible communication technology with a user-replaceable radio module

» Large easy-to-read segment display

» Utility messaging display support

» Broad compatibility with HVAC systems, including conventional single and multistage, gas heat, oil heat, electric furnace, heat pump, heat only, cool only and millivolt systems

» Full seven-day, four-interval programming

» Thermostat telemetry reporting including compressor run time, temperature setpoint, room temperature, hold status and system mode

» Configurable user override

» Web programmability

» Thermostat and communications module Over The Air (OTA) firmware upgradable

» User selectable "Nightlight" button for ease-of-use in the dark

KEY SPECIFICATIONS

» Height 4.6in., width 4.8in., diameter 1.2in.

» Large 6.5in.^{2} backlit LCD display

» LED indicators (green, amber, red)

» Operating environment: 32°–105°F at 0–90% humidity (non-condensing)

» 18–30 VAC 50/60 Hz hardwire power

COMMUNICATIONS OPTIONS

» Easy-to-update communication technology with a CEA-2045 compliant user-replaceable radio module

» Wi-Fi

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